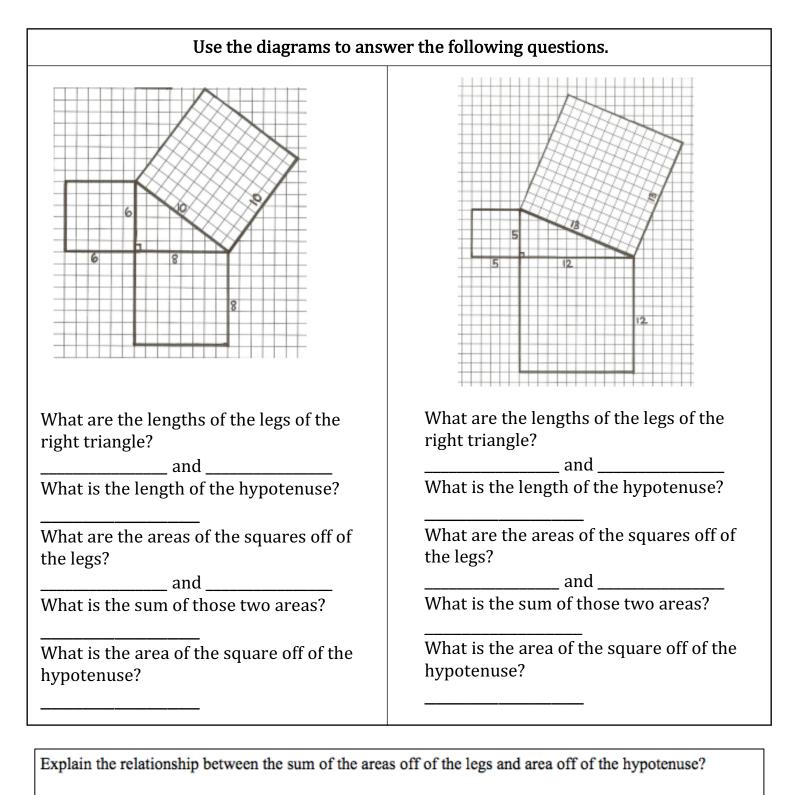
Name	
Date	Period



Do you think all right triangles will have lengths that are integers? Explain.

What are the lengths of the shorter sides of the triangle? and
What is the length of the longest side? What are the areas of the squares off of the two shorter sides? and
What is the sum of those two areas?
What is the area of the square off of the longest side?
If there is no relationship, why do you think that is?

The data below was taken from five right triangles with sides *a*, *b*, and *c*. The square off each side is denoted with a capital letter. Using what you have discovered, complete the table:

а	Area of A	Ь	Area of B	Area of C	С
6		8			
5		4			
9		10			
	1		4		
	9			36	